

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Samuel I. STUPP et al.

Serial No. 10/645,304

Filed: August 21, 2003

: Confirmation No. 8011

: Group Art Unit: 1654

: Examiner: Marcela M. Cordero Garcia

For: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS & SELF-ASSEMBLED PEPTIDE
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AND CERTIFICATION STATEMENT

Honorable Commissioner for Patents
P.O. Box 1450
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Sir:

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The undersigned certifies that Item No. 17 of the Non-Patent Literature Documents section contained in the Information Disclosure Statement was first cited in a communication from the European Patent Office in a foreign application counterpart to a related application not more than three months prior to the filing of the Information Disclosure Statement. See 37 CFR 1.97(e)(1).

The undersigned further certifies that no additional items of information, aside from Item No. 17, contained in the Information Disclosure Statement were cited in a communication from a

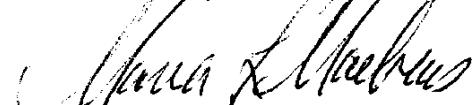
foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. See 37 CFR 1.97(e)(2). The items were, however, cited by Examiners in Notices of References Cited with Office Actions issued in related applications.

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This Information Disclosure Statement is being filed with the appropriate certification, and therefore, no fee is believed to be required.

Respectfully submitted,

BENET GROUP LLC



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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Application Number | 10645304 |
| | Filing Date | 2003-08-21 |
| | First Named Inventor | Samuel I. STUPP et al. |
| | Art Unit | 1654 |
| | Examiner Name | Marcela M. Cordero Garcia |
| | Attorney Docket Number | NANO 104 US2 (NU 22070) |

| U.S.PATENTS | | | | | | |
|-------------------|---------|---------------|------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
| | 1 | 5871767 | | 1999-02-16 | Dionne et al. | |
| | 2 | 6156321 | | 2000-12-05 | Thorpe et al. | |
| | 3 | 6265539 | B1 | 2001-07-24 | Arlinghaus | |
| | 4 | 6270765 | B1 | 2001-08-07 | Deo et al. | |
| . | 5 | 6458924 | B2 | 2002-10-01 | Knudsen et al. | |
| | 6 | 6548048 | B1 | 2003-04-15 | Cuthbertson et al. | |
| | 7 | 6855329 | B1 | 2005-02-15 | Shakesheff et al. | |

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| U.S.PATENT APPLICATION PUBLICATIONS |
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| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
| | 1 | 20030092672 | A1 | 2003-05-15 | Darcy et al. | |
| | 2 | 20050214257 | A1 | 2005-09-29 | Zhao et al. | |

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FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² | Kind Code ⁴ | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T ⁵ |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
| | 1 | 99/36107 | WO | | 1999-07-22 | Shakesheff et al. | | <input type="checkbox"/> |

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NON-PATENT LITERATURE DOCUMENTS

| | | | |
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| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T ⁵ |
| | 1 | Nomizu, Motoyoshi, Atsushi Utani, Norio Shiraishi, Maura C. Kibbey, Yoshihiko Yamada, and Peter P. Roller. July 15, 1992. "The All-D-Configuration Segment Containing the IKVAV Sequence of Laminin A Chain Has Similar Activities to the All-L-Peptide in Vitro and in Vivo." The Journal of Biological Chemistry. Vol. 267, No. 20, pp. 14118-14121. | <input type="checkbox"/> |
| | 2 | Margomenou-Leonidopoulou, G. 1994. "Thermotropic Mesophases of Ionic Amphiphiles. II. Ionic Amphiphiles in Aqueous Media." Journal of Thermal Analysis. Vol. 42, pp. 1041-1061. | <input type="checkbox"/> |
| | 3 | Rappolt, Michael and Gert Rapp. 1996. "Structure of the Stable and Metastable Ripple Phase of Dipalmitoylphosphatidylcholine." Eur. Biophys. J. Vol. 24, pp. 381-386. | <input type="checkbox"/> |

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| 12 | Silva, G. A., K. L. Kehl, K. L. Niece, and S. I. Stupp. May 4, 2003. "Nanoengineered Peptide Amphiphile Network for Photoreceptor Replacement in Degenerative Retinal Disorders." <i>Investigative Ophthalmology & Visual Science</i> . Abstract No. 492 from Annual Meeting of the Association for Research in Vision and Ophthalmology. | <input type="checkbox"/> |
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| | 15 | Schmidt, Christine E. and Jennie Baier Leach. 2003. "Neural Tissue Engineering: Strategies for Repair and Regeneration." <i>Annu. Rev. Biomed. Eng.</i> Vol. 5, pp. 293-347. | <input type="checkbox"/> |
| | 16 | t' Hart, Bert A. and Sandra Amor. 2003. "The Use of Animal Models to Investigate the Pathogenesis of Neuroinflammatory Disorders of the Central Nervous System." <i>Current Opinion in Neurology.</i> Vol. 16, pp. 375-383. | <input type="checkbox"/> |
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| | 18 | Hoke, Ahmet. August 2006. "Mechanisms of Disease: What Factors Limit the Success of Peripheral Nerve Regeneration in Humans?" <i>Nature Clinical Practice Neurology.</i> Vol. 2, No. 8, pp. 448-454. | <input type="checkbox"/> |
| | 19 | Kokkoli, Efrosini, Anastasia Mardilovich, Alison Wedekind, Emilie L. Rexeisen, Ashish Garg, and Jennifer A. Craig. 2006. "Self-Assembly and Applications of Biomimetic and Bioactive Peptide-Amphiphiles." <i>Soft Matter.</i> Vol. 2, pp. 1015-1024. | <input type="checkbox"/> |
| | 20 | The LabRat.com. 2007, updated. Hank's Buffered Salt Solution (HBSS) Recipe. http://www.thelabrat.com/protocolsHanks.shtml . Printed January 19, 2007. Pages 1-2. | <input type="checkbox"/> |

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EXAMINER SIGNATURE

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| Examiner Signature | Date Considered |
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CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

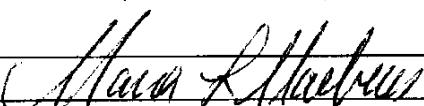
OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.
 Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
 None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

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| Signature |  | Date (YYYY-MM-DD) | 2007-04-12 |
| Name/Print | Maria L. Maebius | Registration Number | 42,967 |

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